

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method of manufacturing a liquid medium containing composite ultrafine particles, said method comprising the steps of:

preparing a dispersion medium that is a liquid medium in which ultrafine particles comprising different materials from each other are dispersed

introducing said dispersion medium into a first chamber and a second chamber having an inlet/outlet with a high pressure, respectively;

applying high frequency voltage to said first and second chambers, respectively, exciting dispersion medium communicating within the first and second chambers, respectively;

applying direct current voltage to each excited dispersion medium on the downstream side than the application position of said high frequency voltage and electrifying each dispersion medium in different polarities from each other; and

aggregating and bonding through excitation transfer as well as electrostatically aggregating ultrafine particles each other in said liquid medium in its crashing field by injecting said dispersion medium electrified in different polarities from each other through two nozzle sections electrically separated from each other at a high speed, respectively, and crossing/crashing each other.

2. (Original) The method according to claim 1, wherein said liquid medium is water, alcohol or mixed liquor of water and alcohol.

3. (Original) The method according to claim 1, wherein said dispersion medium is prepared by preparing a plurality of solid-liquid mixed fluid in which different materials from each other are mixed in a liquid medium, injecting one solid—liquid mixed fluid out of these solid-liquid mixed fluids through a plurality of nozzle sections at a high speed, crossing/crashing each other, subsequently, injecting remaining solid-liquid mixed fluid while said remaining solid-liquid mixed fluid is in turn mixed with already processed solid-liquid mixed fluid through a plurality of nozzle sections at a high speed, and crossing/crashing each other.

4. (Original) The method according to claim 1, wherein said dispersion medium is prepared by injecting a solid-liquid mixed fluid that is a liquid medium in which different materials from each other are mixed through a plurality of nozzle sections at a high speed, and crossing/crashing each other.

5. (Currently amended) The method according to claim 3 ~~or~~ 4, wherein said solid—liquid mixed fluid is introduced into a plurality of nozzle sections with a high pressure of 500 kg/cm² or more.

6. (Original) A method of manufacturing a liquid medium containing composite ultrafine particles, said method comprising the steps of:

preparing a first dispersion medium in which ultrafine particles comprising at least one material selected from organic polymers, metals and inorganic compounds are dispersed;

preparing a second dispersion medium that is a liquid medium in which at least one kind of organic polymer ultrafine particles are dispersed;

introducing said first and second dispersion media into first and second chambers having an inlet/outlet, respectively;

applying high frequency voltage to said first and second chambers, respectively, exciting said first and second dispersion media communicating within said first and second chambers, respectively;

applying direct current voltage to said first and second dispersion media on the downstream side than the application position of said high frequency voltage and electrifying each dispersion medium in different polarities from each other; and

aggregating and bonding through excitation transfer as well as electrostatically aggregating ultrafine particles each other in said first and second dispersion media in its crashing field by injecting said first and second dispersion media electrified in different polarities from each other through two nozzle sections electrically separated from each other at a

high speed, respectively, and crossing/crashing each other.

7. (Original) The method according to claim 6, wherein said liquid medium is water, alcohol or mixed liquor of water and alcohol.

8. (Original) The method according to claim 6, wherein said first dispersion medium is prepared by injecting a solid—liquid mixed fluid that is a liquid medium into which at least one material selected from organic polymers, metals and inorganic materials is mixed through a plurality of nozzle sections at a high speed, and crossing/crashing each other.

9. (Original) The method according to claim 6, wherein said first dispersion medium that is a liquid medium in which ultrafine particles comprising at least one material selected from metals and inorganic materials is dispersed is prepared by injecting and crashing a solid—liquid mixed fluid that is a liquid medium in which a particle comprising at least one kind of materials selected from metals and inorganic materials is dispersed through a plurality of nozzle sections against a mixed fluid crashing member made of a material having a higher rigidity than that of said particle.

10. (Original) The method according to claim 6, wherein said second dispersion medium is prepared by injecting a solid-liquid mixed fluid that is a liquid medium in which at least one organic polymer is mixed through a plurality of nozzle sections under a higher pressure than atmospheric pressure at a high speed and crossing/crashing each other.

11. (Currently amended) The method according to claim 8 or 10, wherein said solid-liquid mixed fluid is introduced into a plurality of nozzle sections under a high pressure of 500 kg/cm² or more.

Claims 12-36 cancelled.